Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	(internationali$ globali$) with tag with ($5ml (mark adj up) markup) with language	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/09/28 13:35
L2	3	(internationali$ globali$) with tag with ($5ml (mark adj up) markup) with language	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/09/28 13:36
L3	3	(internationali$ globali$) with tag with ($3ml (mark adj up) markup) with language	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 13:49
L4	18	("20030135501"|"20030140316"|" 5228121"|"5778356"|"5848386"|" 5956740"|"5987403"|"5991713"|" 6678518").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 13:45
L5	3	(internationali$ globali$) with tag same (($3ml (mark adj up) markup) with language)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 14:07
L6	28	(internationali$ globali$) with tag and (($3ml (mark adj up) markup) with language)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 13:52
L7	32	(internationali$ globali$) with tag	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 14:08
L8	30	(internationali$ globali$) with tag	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/09/28 14:08

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1 <u>Versions and standards of HTML</u>
Dennis J. Bouvier
October 1995 **ACM SIGAPP Applied Computing Review**, Volume 3 Issue 2

Full text available: 📄 <u>pdf(520.41 KB)</u>   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>index terms</u>

    In the brief history of the World Wide Web (WWW), much has changed. Millions of web
    pages have been published in a relatively short time. Next to the Web content, the one of
    the most dynamic aspects of the WWW is the development of HyperText Markup Language
    (HTML). This paper explores the various versions of HTML and gives a status report on
    HTML standards development. A discussion of possible future trends is also included.

    Keywords: HTML, WWW, hyper text, markup

2 <u>Document engineering (DE): Language identification in web pages</u>
Bruno Martins, Mário J. Silva
March 2005 **Proceedings of the 2005 ACM symposium on Applied computing**

Full text available: 📄 <u>pdf(263.62 KB)</u>   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>

    This paper discusses the problem of automatically identifying the language of a given Web
    document. Previous experiments in language guessing focused on analyzing "coherent" text
    sentences, whereas this work was validated on texts from the Web, often presenting harder
    problems. Our language "guessing" software uses a well-known n-gram based algorithm,
    complemented with heuristics and a new similarity measure. Both fast and robust, the
    software has been in use for the past two years, as ·pa ...

3 <u>A browsing tool of multi-lingual documents for users without multi-lingual fonts</u>
Tetsuo Sakaguchi, Akira Maeda, Takehisa Fujita, Shigeo Sugimoto, Koichi Tabata
April 1996 **Proceedings of the first ACM international conference on Digital libraries**

Full text available: 📄 <u>pdf(789.68 KB)</u> Additional Information: <u>full citation</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

4 <u>m-links: An infrastructure for very small internet devices</u>
Bill N. Schilit, Jonathan Trevor, David M. Hilbert, Tzu Khiau Koh
July 2001 **Proceedings of the 7th annual international conference on Mobile
computing and networking**

Full text available: 📄 <u>pdf(680.78 KB)</u>   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u>
<u>terms</u>

    In this paper we describe the Mobile Link (m-Links) infrastructure for utilizing existing
    World Wide Web content and services on wireless phones and other very small Internet
    terminals. Very small devices, typically with 3-20 lines of text, provide portability and other
    functionality while sacrificing usability as Internet terminals. In order to provide access on
    such limited hardware we propose a small device web navigation model that is more

appropriate than the desktop computer's web brows ...

Keywords: middleware, proxy, web phones, wireless, wireless web

5 <u>XML linking</u>
Steven J. DeRose
December 1999 **ACM Computing Surveys (CSUR)**

Full text available: pdf(154.81 KB)   Additional Information: <u>full citation</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

6 <u>The FirstSearch user interface architecture: universal access for any user, in many</u>
<u>languages, on any platform</u>
Gary Perlman
November 2000 **Proceedings on the 2000 conference on Universal Usability**

Full text available: pdf(1.31 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u>
<u>terms</u>

The OCLC FirstSearch® service allows users to search for bibliographic and full text records
in over 80 online databases. Web-based, FirstSearch was designed to adapt to unexpected
user needs, platform considerations, languages, and changing requirements. The many
unknowns during development necessitated an architecture that would allow many types of
contributors to modify the interface easily and frequently. For example, marketing,
documentation, and user interface designers edited the s ...

Keywords: accessibility, customization, declarative interface specification, disabilities,
diversity, globalization, group and individual differences, handicapped, i18n, impairment,
intercultural

7 <u>Interacting with collections: Enhancing usability in CITIDEL: multimodal, multilingual,</u>
<u>and interactive visualization interfaces</u>
Saverio Perugini, Kathleen McDevitt, Ryan Richardson, Manuel Perez-Quiñones, Rao Shen,
Naren Ramakrishnan, Chris Williams, Edward A. Fox
June 2004 **Proceedings of the 4th ACM/IEEE-CS joint conference on Digital libraries**

Full text available: pdf(828.82 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

We describe four usability-enhancing interfaces to CITIDEL aimed at improving the user
experience and supporting personalized information access by targeted communities. These
comprise: a multimodal interaction facility with capability for out-of-turn input, interactive
visualizations for exploratory analysis, a translation center exposing multilingual interfaces,
as well as traditional usability enhancements. Pilot studies demonstrate the resulting
improvements in quality, as measured across a ...

Keywords: community translation, interactive visualization, interfaces, out-of-turn
interaction

8 <u>Software engineering and the Internet: a roadmap</u>
Luca Bompani, Paolo Ciancarini, Fabio Vitali
May 2000 **Proceedings of the Conference on The Future of Software Engineering**

Full text available: pdf(1.73 MB)   Additional Information: <u>full citation</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

9 <u>ViSWeb—the Visual Semantic Web: unifying human and machine knowledge</u>
<u>representations with Object-Process Methodology</u>
Dov Dori
May 2004 **The VLDB Journal — The International Journal on Very Large Data Bases,**
Volume 13 Issue 2

Full text available: pdf(1.22 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>index terms</u>

The Visual Semantic Web (ViSWeb) is a new paradigm for enhancing the current Semantic Web technology. Based on Object-Process Methodology (OPM), which enables modeling of systems in a single graphic and textual model, ViSWeb provides for representation of knowledge over the Web in a unified way that caters to human perceptions while also being machine processable. The advantages of the ViSWeb approach include equivalent graphic-text knowledge representation, visual navigability, semantic sentenc ...

Keywords: Conceptual graphs, Knowledge representation, Object-Process Methodology, Semantic Web, Visual Semantic Web

10 Localization of web content
Daniel Brandon
December 2001 **Journal of Computing Sciences in Colleges,** Volume 17 Issue 2

Full text available: .pdf(266.53 KB)   Additional Information: <u>full citation</u>, <u>references</u>, <u>index terms</u>

11 Postmodern critique of teaching and learning support systems at an internet distance
Robert H. Barbour
September 2004 **ACM SIGCAS Computers and Society,** Volume 34 Issue 2

Full text available: html(207.78 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>

Projecting computing education trends forward into the near future in order to better understand the implications of present changes is a postmodern education research agenda. Such speculations are informed by present day events. Setting observed changes in computing education policy and practice against a constructivist theoretical framework based on semiotics points up the issues and contradictions in globalization trends. The emergent issues of expanding western hegemony and a flattening of c ...

12 An architecture for secure wide-area service discovery
Todd D. Hodes, Steven E. Czerwinski, Ben Y. Zhao, Anthony D. Joseph, Randy H. Katz
March 2002 **Wireless Networks,** Volume 8 Issue 2/3

Full text available: .pdf(365.68 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

The widespread deployment of inexpensive communications technology, computational resources in the networking infrastructure, and network-enabled end devices poses an interesting problem for end users: how to locate a particular network service or device out of hundreds of thousands of accessible services and devices. This paper presents the architecture and implementation of a secure wide-area Service Discovery Service (SDS). Service providers use the SDS to advertise descriptions of available ...

Keywords: location services, name lookup, network protocols, service discovery

13 Beyond SGML
Roger Price
May 1998 **Proceedings of the third ACM conference on Digital libraries**

Full text available: .pdf(1.12 MB)   Additional Information: <u>full citation</u>, <u>references</u>, <u>index terms</u>

14 WWW mining: Deriving link-context from HTML tag tree
Gautam Pant
June 2003 **Proceedings of the 8th ACM SIGMOD workshop on Research issues in data mining and knowledge discovery**

Full text available: .pdf(224.00 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

HTML anchors are often surrounded by text that seems to describe the destination page appropriately. The text surrounding a link or the *link-context* is used for a variety of tasks associated with Web information retrieval. These tasks can benefit by identifying regularities in the manner in which "good" contexts appear around links. In this paper, we

describe a framework for conducting such a study. The framework serves as an evaluation platform for comparing various link-context derivati ...

Keywords: DOM, link-context, tag tree

15 Minivend--the Electronic Shopping Cart
Kaare Rasmussen
June 1999 **Linux Journal**

Full text available: ⑤ html(13.65 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

If you need a catalog system for your web page, this product may be just what you are looking for

16 Ada, C, C++, and Java vs. the Steelman
David A. Wheeler
July 1997 **ACM SIGAda Ada Letters**, Volume XVII Issue 4

Full text available: 🔲 pdf(1.57 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>citings</u>, <u>index terms</u>

This paper compares four computer programming languages (Ada95, C, C++, and Java) with the requirements of "Steelman", the original 1978 requirements document for the Ada computer programming language. This paper provides a view of the capabilities of each of these languages, and should help those trying to understand their technical similarities, differences, and capabilities.

17 Accessibility: The user experience: designs and adaptations
Vicki L. Hanson
May 2004 **Proceedings of the 2004 international cross-disciplinary workshop on Web accessibility (W4A) W4A '04**

Full text available: 🔲 pdf(598.87 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

Specifications for accessibility of Web pages do not necessarily guarantee a usable or satisfying Web experience for persons with disabilities. The needs of many of these individuals fall outside guidelines for accessible content. Many of these users, for example, wish that they simply could "enlarge" what is on a Web page. They also express the wish that pages would be "less confusing". To meet these needs, Web browsers and various software applications provide for a variety of ways in which pa ...

Keywords: Web accessibility, Web design, standards, usability

18 Remind: the ultimate personal calendar
David F. Skoll
February 2000 **Linux Journal**

Full text available: ⑤ html(13.69 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>index terms</u>

If you have trouble rememberin

19 Ubiquitous hypermedia: Integrating the web and the world: contextual trails on the move
Frank Allan Hansen, Niels Olof Bouvin, Bent G. Christensen, Kaj Grønbæk, Torben Bach Pedersen, Jevgenij Gagach
August 2004 **Proceedings of the fifteenth ACM conference on Hypertext & hypermedia**

Full text available: 🔲 pdf(3.41 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

This paper presents applications of HyCon, a framework for context aware hypermedia systems. The HyCon framework encompasses annotations, links, and guided tours associating locations and RFID- or Bluetooth-tagged objects with maps, Web pages, and collections of resources. The user-created annotations, links and guided tours, are represented as XLink structures, and HyCon introduces the use of XLink for the representation of recorded geographical paths with annotations and links. The HyCon archi ...

20 <u>Reusability and adaptability of interactive resources in Web-based educational systems</u>

Abdulmotaleb El Saddik, Stephan Fischer, Ralf Steinmetz

March 2001 **Journal on Educational Resources in Computing (JERIC)**

Full text available: <u>.pdf(257.16 KB)</u>   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>, <u>review</u>

The production of interactive multimedia content is in most cases an expensive task in terms of time and cost. Hence, optimizing production by exploiting the reusability of interactive multimedia elements is mandatory. Reusability can be triggered by a combination of resuable multimedia components and the appropriate use of metadata to control the components as well as their combination. In this article, we discuss the reusability aspects of interactive multimedia content in web ...

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Internet Computing, IEEE
Volume 4, Issue 2, March-April 2000 Page(s):103 - 106
Digital Object Identifier 10.1109/4236.832953

AbstractPlus | Full Text: PDF(88 KB)   **IEEE JNL**

☐ 2. **A User-Adaptable User Interface Model to Support Ubiquitous User Access to EIS Style Applications**
Davis, J.; Tierney, A.; Chang, E.;
Computer Software and Applications Conference, 2005. COMPSAC 2005. 29th Annual International
Volume 1, 26-28 July 2005 Page(s):351 - 358
Digital Object Identifier 10.1109/COMPSAC.2005.37

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Robles, G.; Gonzalez-Barahona, J.M.;
Source Code Analysis and Manipulation, 2004. Fourth IEEE International Workshop on
2004 Page(s):149 - 157
Digital Object Identifier 10.1109/SCAM.2004.12

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Meyer, B.;
Computer
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Volume 32, Issue 5, May 1999 Page(s):38 - 47
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